

User Guide

Kyocera
K112
Kyocera K110 Series



82-K5456-1ES, Rev. 003



User Guide for the Kyocera K112 phone

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5,604,730 5,608,7225,614,8065,617,060 5,621,752
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5,862,471 5,862,4745,864,760 5,864,763 5,867,527
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5,911,128 5,912,882D410,893 5,914,950 5,915,235
5,917,708 5,917,8115,917,812 5,917,837 5,920,284
D411,823 5,923,6505,923,705 5,926,143 5,926,470
5,926,500 5,926,7865,930,230 5,930,692
Other patents pending.

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FCC/IC Notice

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

To maintain compliance with FCC RF exposure guidelines, if you wear a headset on your body, use the Flextronics supplied KWC universal belt clip ODMCP09101001-100. Other accessories used with this device for body-worn operations must not contain any metallic components and must provide at least 26.0 mm separation distance including the antenna and the user's body.

THIS PHONE MODEL MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S.

Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.* Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands.

Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power

levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR values for this model phone are: AMPS mode-head: 1.290 W/kg; Body-worn: 1.450 W/kg. CDMA mode-head: 0.884 W/kg; Body-worn: 1.110 W/Kg. This device complies with FCC SAR standard.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section <http://www.fcc.gov/oet/fccid> after searching on FCC ID Q30KWC-K112. Additional information on SAR can be found on the Cellular Telecommunications and Internet Association (CTIA) web-site at <http://www.wow-com.com>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Caution

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the warranty and user's authority to operate the equipment.

Warning

Use only Kyocera-approved accessories with Kyocera phones. Use of any unauthorized accessories (includes faceplates/front housings) may be dangerous and will invalidate the phone warranty if said accessories cause damage or a defect to the phone.

Optimize your phone's performance

Use the guidelines on page 2 to learn how to optimize the performance and life of your phone and battery.

Air bags

If you have an air bag, DO NOT place installed or portable phone equipment or other objects over the air bag or in the air bag deployment area. If equipment is not properly installed, you and your passengers risk serious injury.

Medical devices

Pacemakers—Warning to pacemaker wearers: wireless phones, when in the 'on' position, have been shown to interfere with pacemakers. The phone should be kept at least six (6) inches away from the pacemaker to reduce risk.

The Health Industry Manufacturers Association and the wireless technology research community recommend that you follow these guidelines to minimize the potential for interference.

- Always keep the phone at least six inches (15 centimeters) away from your pacemaker when the phone is turned on.
- Do not carry your phone near your heart.
- Use the ear opposite the pacemaker.
- If you have any reason to suspect that interference is taking place, turn off your phone immediately.

Hearing aids—Some digital wireless phones may interfere with hearing aids. In the event of such interference, you

may want to consult your service provider or call the customer service line to discuss alternatives.

Other medical devices—If you use any other personal medical device, consult the manufacturer of the device to determine if it is adequately shielded from external RF energy. Your physician may be able to help you obtain this information.

In health care facilities—Turn your phone off in health care facilities when instructed. Hospitals and health care facilities may be using equipment that is sensitive to external RF energy.

Potentially unsafe areas

Posted facilities—Turn your phone off in any facility when posted notices require you to do so.

Aircraft—FCC regulations prohibit using your phone on a plane that is in the air. Turn your phone off before boarding aircraft.

Vehicles—RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer of the device to determine if it is adequately shielded from external RF energy. Your physician may be able to help you obtain this information.

Blasting areas—Turn off your phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

Potentially explosive atmospheres—Turn off your phone when you are in any area with a potentially explosive atmosphere. Obey all signs and instructions. Sparks in such areas could cause an explosion or fire, resulting in bodily injury or death. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include:

- fueling areas such as gas stations
- below deck on boats
- transfer or storage facilities for fuel or chemicals
- vehicles using liquefied petroleum gas, such as propane or butane

- areas where the air contains chemicals or particles such as grain, dust, or metal powders
- any other area where you would normally be advised to turn off your vehicle engine

Use with care

Use only in normal position (to ear). Avoid dropping, hitting, bending, or sitting on the phone.

Keep phone dry

If the phone gets wet, turn the power off immediately and contact your dealer. Water damage may not be covered under warranty.

Resetting the phone

If the screen seems frozen and the keypad does not respond to keypresses, reset the phone by removing and replacing the R-UIIM cover. If the problem persists, return the phone to the dealer for service.

Qualified service

If you are experiencing problems with your phone, see "Getting Help" on page 33. If you have additional questions, contact your service provider for technical support. If the problem persists, return the phone with all accessories and packaging to the dealer for qualified service.

Accessories

Use only Kyocera Wireless Corp. accessories with Kyocera Wireless Corp. phones. Use of any unauthorized accessories may be dangerous and may invalidate the phone warranty if the said accessories cause damage or a defect to the phone.

Radio Frequency (RF) energy

Your telephone is a radio transmitter and receiver. When it is on, it receives and sends out RF energy. Your service

provider's network controls the power of the RF signal. This power level can range from 0.006 to 0.6 watts.

In August 1996, the U.S. Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. These guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies in the following reports:

- ANSI C95.1 (American National Standards Institute, 1992)
- NCRP Report 86 (National Council on Radiation Protection and Measurements, 1986)
- ICNIRP (International Commission on Non-Ionizing Radiation Protection, 1996)

Your phone complies with the standards set by these reports and the FCC guidelines.

E911 Mandates

Where service is available, this handset complies with the Phase I and Phase II E911 Mandates issued by the FCC.

Battery and charger specifications

Charger	Input	Output
ODMPW00101001-100	90-264 VAC, 47-63 HZ	5.2 V
Standard Battery: 3.6V / 900mAh		



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1 GETTING STARTED

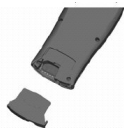
This document describes the Kyocera K112 phone, with CDMA digital and analog service at 800 MHz. Your phone comes with an integrated, rechargeable Lithium Ion (LiIon) battery, which is not fully charged.

Inserting your RUIM card

The RUIM card is supplied by your service provider when you register as a user. It contains all the important data pertaining to your phone.

Important: Make sure that the phone is turned off and is disconnected from the charger before you insert or remove the RUIM card

1. Hold the phone face down.
2. Remove the RUIM card cover located at the lower end of the phone by sliding it down.
3. Place the RUIM card into its compartment with the metal contacts facing down and the cut corner to the left.



4. Slide the RUIM card cover back onto the phone until it latches. **Do not force.**



Charging the battery

Fully charge the new battery for approximately 12 hours before using the phone for the first time.

To charge the battery, connect the power adapter to the jack located at the bottom left of the phone, then connect the adapter's plug to a wall outlet.



The battery icon at the top-right corner of the screen tells you whether the phone is:

- Charging (animated icon)
- Partially charged .
- Fully charged .
- Low battery . Icon blinks and the phone beeps. The phone screen displays a "Low Battery" message. When the battery is completely drained the phone powers off.

Recharging the battery

You can safely recharge the battery at any time, even if it has a partial charge.

Caring for the battery

This section describes important safety information and tips for improving battery performance.

General safety guidelines

This phone contains an integrated Li-Ion battery,

- Do not attempt to open the battery compartment and dismantle, puncture, or short-circuit the battery.
- If you have not used the battery for more than a month, recharge it before using your phone.
- Avoid exposing the phone to extreme temperatures, direct sunlight, or high humidity.
- Never dispose of used batteries in or near a fire. It could lead to explosion. Check with your local regulations for proper disposal instructions.

Common causes of battery drain

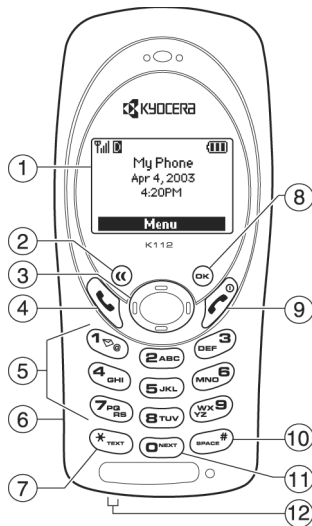
The following operations drain the battery more quickly and thereby adversely affect talk and standby times:

- Playing games frequently.
- Frequent use of the backlights.
- Using data cables or accessories, such as the Hands-free headset.
- Operating when no service is available, or service is available intermittently.
- High earpiece and ringer volume settings.
- Unacknowledged voicemail and text message alerts.

Getting to know your phone

- ① **Home screen.** Press **OK** (item 8) to select **Menu**.
- ② **<< key** erases the last character in text entry, returns to the previous menu, or erases characters during text entry.
- ③ **Navigation key** (four directions) scrolls through lists and positions the cursor during text entry. Also accesses shortcuts from the home screen.
- ④ **Send/Talk key** dials a number or answer a call.
- ⑤ **Keypad** for entering enter numbers, letters, or symbols.
- ⑥ **Jack** for Hands-free Headset (sold separately).
- ⑦ *** Text key** switches between upper and lower case during text entry.
- ⑧ **OK key** selects a menu item or option.
- ⑨ **End/Power key** turns the phone on or off, ends a call, or returns you to the home screen.
- ⑩ **# Space key** inserts a space during text entry.
- ⑪ **0 Next key** cycles through word choices during **EZText** entry.
- ⑫ **Jack** for AC adapter (included).

 **Warning:** Inserting an accessory into the incorrect jack will damage the phone.



Performing basic functions

To...	From the home screen...
Turn on the phone	Press  .
Turn off the phone	Press and hold  for approximately 3 seconds.
Make a call	Enter the number using the alphanumeric keypad and press  .
End a call	Press  .
Answer a call	Press  .
Verify Own Number	Select Menu → Phone Info .
Access voicemail	Press and hold  and follow the system prompts.
Lock the keypad	Press and hold  .
Unlock the keypad	Press    .
Access the Contacts list	Press  right.
Access Recent Calls list	Press  left.

Using the menus

The contents of the main menu are as follows:

Settings

Silence All
Auto Key Guard
Sound
Display
Alert
Call Timers
Security
Accessories
Sys/Network

Contacts

Find
View All
Business
Personal
Add New
Speed Dial List

Recent Calls

Missed Calls
Incoming Calls
Outgoing Calls

Messages

Voice Mail
InBox
Create Message
Preformatted Messages
Outbox
Erase Messages
Message Settings

Extra

Games
Stop Watch
Alarm
Scheduler
Calculator

Phone Info

Your phone number

To use menus:

- Press  to select **Menu**.
 - Press  to select a menu item or soft key.
 - Press  left or right to see menus.
 - Press  up or down to view menu items.
 - Press  right or left to access soft keys.
 - Press  to go up a menu level.
 - Press  to return to the home screen.
- In this guide, the use of an arrow → tells you to select an option from the menu. For example, **Menu** → **Settings** means select **Menu**, then select the **Settings** option.
 - The instructions in this guide assume that your menu appears in icons. To change your menu display so that it appears as a list select **Menu** → **Settings** → **Display** → **Menu Format** → **Small Icons**.

Understanding screen icons

These icons may appear on your phone's screen.



The alarm is set.



The phone is operating in analog mode.



The phone is operating in CDMA digital mode.



Battery power indicator. The more black bars, the greater the charge.



The phone is receiving a signal. You can make and receive calls. The more the bars, the stronger the signal.



A call is in progress.



A call is in progress with voice privacy activated.



The phone is locked.



You have a text message, voicemail or page.



No service is available.



The phone is roaming outside of its home service area.



The phone vibrates or lights up instead of ringing.



You have one or more voicemails.



Indicates a contact is labeled personal.



Indicates a contact is labeled business.



Icon for Web page.



Indicates a contact's address.

2 MAKING AND RECEIVING CALLS

Making a call

1. Make sure you are in an area where the signal can be received. Look for the  symbol on the home screen. The more bars you see in this symbol, the stronger the reception. If there are no bars, try to move to where the reception is better. In some cases, this can be as simple as changing the direction you are facing.

The phone goes into power save mode when it is left idle for 5 minutes. If you see the message "POWER SAVE" on the screen, press any key to return to the idle screen.

2. Enter the phone number.
3. Press  to dial the number.
4. Press  to end the call.

Redialing a number

To redial the last number called, press  twice.

Calling a saved number

If you have already saved a phone number, you can use the **All Contacts** list to find it quickly.

1. Press  right when on the home screen. This brings up a list of all saved contacts.
2. Scroll down the list, find the contact you want, and press  to dial the number.
3. If you have already allocated a speed dial number for the contact, press the corresponding speed dial number to dial. For more information, refer to "Setting up speed dialing" on page 9

Answering a call

When you receive a call, the phone rings, vibrates, and/or lights up, and an animated phone icon appears. The number of the caller also appears if it is not restricted. If the number is stored in your Contacts directory, the contact name appears.

- Press  to answer the call.
- Select **Silence** to mute the ringer or stop the vibration when there is an incoming call.
- Select **Hold** to put the caller on hold.
- Press  or select **Voice Mail** to send the call to the voicemail.

- Select **Network Forward** to forward the incoming call to another number, which you defined under Sys/Network.

Setting keys to answer calls

1. Select **Menu** → **Settings** → **Accessories** → **Any Key Answer**.

2. Select **On** and press  to set.

All incoming calls can now be answered by pressing any key except ,  and .

Answering calls hands-Free

If your phone is attached to an accessory such as a hands-free headset (sold separately), you can set it to answer an incoming call after 2, 5 or 10 seconds.

1. Select **Menu** → **Settings** → **Accessories** → **Headset Autoanswer**.
2. Select **Off**, **2 seconds**, **5 seconds** or **10 seconds**.
3. Press .

Dealing with missed calls

When you have missed a call, “Missed” appears on your screen. This message remains, unless the caller leaves a voicemail.

- Press  or  to clear the screen.
- To view the caller’s number or name, press  left to access the **Recent Calls** list and select **Missed Calls**.
- If the caller left a voicemail message, select **View** and then **Call**. If you have not yet set up your voicemail, the caller cannot leave a message. See “Setting up voicemail” on page 10.

Setting missed call alerts

You can set the alert to beep when you have missed a call.

1. Select **Menu** → **Settings** → **Alert** → **Missed Call**.
2. Select **Enable**.
3. Press .

Viewing recent call details

Details on the last 10 calls you have missed, made or received are stored in **Recent Calls**. You can get details on the caller’s name and phone number, along with the time and length of the call.

1. Select **Menu** → **Recent Calls**.

2. Select **Missed Calls, Incoming Calls or Outgoing Calls**.
3. Press .
4. Select a phone entry.
5. Select an available option from the list.
 - **Call Number** dials the phone number.
 - **Time** shows the time and duration of call.
 - **View Number** displays the phone number.
 - **Edit Number** edits the phone number.
 - **Delete Entry** deletes the number from the list.
 - **Send SMS Message** sends messages from the phone number.
 - **Save New** saves the number to your contacts list.
 - **Save To Existing** adds the phone number to the an existing contact.

Erase the recent calls list

You can erase all calls listed in your **Recent Calls** menu.

1. Select **Menu** → **Settings** → **Security**.
2. Enter your four-digit PIN code and press .
3. Select **Erase All Recent Call List**.

A message appears: “Erase All Recent Call List?”

4. Select **Yes** to erase all.

Setting up speed dialing

Speed dialing allows you to quickly dial a stored phone number by entering a one- or two-digit speed dialing location.

1. From the home screen, press  right to get to your contacts list.
2. Locate the contact you want to add speed dialing to and press .
3. Highlight the phone number and press .
4. Scroll to **Add to Speed Dial** and press .
5. Select an empty speed dial location to assign to the phone number (location “1” is reserved for your voicemail number).
6. Press . The message “Contact Added” confirms the speed dial location.

To speed dial

From the home screen, enter the one- or two-digit speed dial number and press .

Setting up voicemail

Before your phone can accept voicemail messages, you must set up a password and record a personal greeting. When you have set up your voicemail, all unanswered calls to your phone are automatically transferred to your voicemail, even if your phone is in use or turned off.

Note: Check with your service provider if you have problems setting up voicemail.

1. From the home screen, press and hold .
2. Enter your passcode which you obtain from your service provider.
3. Follow the system prompts to create a password and record a greeting.

Changing the default voicemail number

1. Select **Menu** → **Messages** → **Message Settings**.
2. Highlight **Voice Mail Number** and press .
3. Highlight **Edit** and press .
4. Enter the voicemail number.
5. Press  twice to confirm.

Checking voicemail messages

When a voice message is received, your screen displays text similar to “New Message 1 Voicemail.” This text remains for about five minutes. After that the  appears.

- To retrieve your voicemail, press and hold  (default speed dial number), or the voicemail number you created, to call your voicemail number.

Silencing an incoming call

- To mute the ringer or stop the vibration when there is an incoming call, select **Silence**.

This action silences the current call only. The next call will ring as normal.

Adjusting the volume during a call

- To adjust the earpiece volume during a call, press  up or down.

Tracking your calls

Your phone has three timers that count the duration of the calls you have made and receive.

Outgoing Calls

This timer displays the number of outgoing calls you have placed, and their duration. You can reset this timer.

1. Select **Menu** → **Settings** → **Call Timers** → **Outgoing Calls**.
2. Select **Reset**. Calls are reset to 0.

Incoming Calls

This timer displays the number of incoming calls you have received, and their duration. You can reset this timer.

- Select **Menu** → **Settings** → **Call Timers** → **Incoming Calls**.
- Select **Reset**. Calls are reset to 0.

All Calls

This timer displays the number and duration of all incoming and outgoing calls. You cannot reset this timer.

- Select **Menu** → **Settings** → **Call Timers** → **All Calls**.

Calling emergency numbers

Regardless of your three-digit emergency code (911, 111, 999, 000, etc.), your phone will operate as described below.

You can call your emergency code even if your account is restricted. However, when you call, your phone enters **Emergency mode**, which you must exit to place other calls.

To exit Emergency mode

When you have completed the emergency call, press **OK** to select **Exit**. Then press **OK** again to confirm your choice. The phone returns to Standby mode and you are ready to make and receive regular calls.

Setting the roaming option

You can set the phone to not roam at all or to switch between digital and analog modes.

1. Select **Menu** → **Settings** → **Sys/Network** → **Roaming Opt**
2. Select an option:
 - **No Roaming** causes the phone to access calls only in the service provider area.
 - **Automatic** automatically switches the phone between digital and analog modes.
3. Press **OK**.

3 ENTERING LETTERS, NUMBERS, AND SYMBOLS

This table gives general instructions for entering letters, numbers, and symbols in Contacts and Messages. For more detailed information on using text entry modes, see page 14.

To...	Do this...
Enter a letter	In Multitap mode, press the appropriate alphanumeric key until the letter you want appears on the display.
Enter a number	In Numbers mode, press the number key once.
Enter a symbol	In Symbols mode, enter the number corresponding to the symbol you want.
Enter a space	Press  .
Erase a character	Press  .
Erase all characters	Press and hold  .
Move cursor right or left	Press  right and left.
Change modes	Select the current input mode and press  . Select an input mode.
Capitalize the next letter	In Multitap mode, press  each time you want to capitalize. In EZText mode, after entering text, press  until the capitalization you want appears.
Capitalize every letter	In Multitap mode, press  until the input mode displays MULTITAP . In EZText mode, after entering text, press  until the capitalization you want appears.
Capitalize the first letter of each word	In Multitap mode, press  until the input mode displays Multitap . In EZText mode, after entering text, press  until the capitalization you want appears.

Understanding text entry modes

There are four modes available to you when entering text, numbers, or symbols:

- **Multitap** mode
- **Numbers** mode
- **EZText** mode
- **Symbols** mode

Note: The mode you start in depends on the task you are doing. For example, when entering a phone number in the **Contacts** menu, the default text mode is **Numbers**. When entering a name for a contact, the default text mode is **EZText**.

Entering words letter by letter

1. Press the appropriate alphanumeric key once to display the first letter that appears on the keypad, twice for the second letter, and so on.
2. Wait for the cursor to move right before you enter the next letter.

Entering words quickly

When you press a series of keys using **eZText**, it checks the built-in dictionary for common words and predict the word you are trying to spell.

1. For each letter of the word you wish to spell, press the appropriate alphanumeric key once. For example, to enter the word “any” press the alphanumeric keys → → .
2. If the word suggested by **EZText** does not match what you want, press up or down to look at other word matches.
3. When you see the word you want, press to accept it.

Entering symbols

While entering text, you can also enter symbols.

1. Press , then press right to highlight the current text mode.
2. Select **Symbols**.
3. You will be presented with a list of symbols.
- . @ ‘ () _ ! ? * # % “ :
+ < > = / \ & , ‘ [] \$ ^ ;
4. Press the number corresponding to the symbol of your choice.

Entering numbers

- In **Numbers** mode, press a number key once.
- In **Multitap** mode, press and hold a number key until the number appears on the screen.
- In **EZText** mode, press and hold a number key until the number appears on the screen.

Changing input modes

To enter characters that belong to a mode other than the one you're in, you'll need to change modes. For example, to enter numbers in an email address while in **Multitap** mode:

1. Press .
2. Press  right to highlight the current mode
3. Select **Numbers**.
4. Enter the number, and then change back to **Multitap** mode to complete the address.

Switching text cases

Three settings are available in the **Multitap** mode. To change settings for upper and lower case input while in Multitap mode:

1. Press  while in **Multitap** mode.
2. Continue pressing  until your desired input case is displayed. For example,

- **MULTITAP** inputs all characters as uppercase
- **multitap** inputs all characters in lowercase
- **Multitap** inputs only the first character in uppercase.

Entering special characters

If your phone is set to a language other than English, use the following key references to enter accented characters.

Portuguese

	A Â Ã Ä Å Ç 2
	D E Ê Ë Ì Í Ñ 3
	G H I Í 4
	M N O Ó Ô Õ 6
	T U Ü Ú V 8

Spanish

	A Á B C 2
	D E É F 3
	G H I Í 4
	M Ñ N O Ó 6
	T U Ü Ú V 8

4 STORING CONTACTS

The Contacts menu of your phone is like a set of phone index cards for you to store information about a person or a company. Your phone can hold, on average, about 200 phone numbers. Each name, e-mail address, mailing address or web address entry can contain up to 256 characters. The minimum length of RUM phone number is 10 digits, the maximum is 32 digits.

Saving a new contact

1. From the home screen, enter the phone number you wish to save.
2. Press **OK** to select **New**.
3. Enter the name of the contact.
To learn how to enter letters, see page 13.
4. Press **OK** twice to save the number.
5. Press **OK** to select options:
 - **Add New** to add a new phone number.
 - **Edit Name** to edit the name of the contact.
 - **Classify Contact** to classify the contact as Personal or Business.
 - **Erase Contact** to erase the new contact.

6. After adding options, scroll to the contact's number and press **OK** to the following options:
 - **Number Type** to classify the number
 - **Edit** to change the number
 - **Erase** to delete the number
 - **Add Speed Dial** to add a speed dial location to the contact.

Adding pauses to a phone number

When you save the phone number of an automated service, you may include a pause where you need to select an option or enter a password. You can enter multiple pauses in a phone number. A Pause will cause the phone to stop dialing until you select the Release key.

1. Enter the first portion of the phone number.
2. Scroll **⬅➡** right to **Pause** and press **OK**.
The letter **P** appears next to the last digit of your phone entry.
3. Enter the remaining numbers and add more pauses where needed.

4. To save the number, press  right or left to select **New** to add the number as a new contact or **To Existing** to add the number to an existing contact. Follow the prompts.

Saving addresses and web pages

To save a phone number, email address, street address, or Web page URL, follow these steps.

1. Select **Menu** → **Contacts** → **Add New**.
2. Highlight **Phone, Email, Address, or Web Page**.
3. Press .
4. Enter the information. To learn how to enter letters, “Entering Letters, Numbers, and Symbols” on page 13
5. Press  twice to go to the next screen.
6. Enter a contact name.
7. Press  twice to **Save**.

Erasing a contact

1. Select **Menu** → **Contacts**.
2. Select **View All** or **Find** to locate the contact you wish to edit.
3. Scroll to the contact you wish to edit or erase and press .

4. Select **Options**.
5. Select **Erase Contact** and press .
6. Press  to select **Yes**. “Contact Deleted” appears on the screen.

Editing a contact name

1. Select **Menu** → **Contacts**.
2. Select **View All** or **Find** to locate the contact you wish to edit.
3. Scroll to the contact you wish to edit and press .
4. Select **Options**.
5. Select **Edit Name** and press .
6. Press and hold  to erase the existing name.
7. Enter the new name and press  twice. “Contact Saved” appears on the screen.

Editing a phone number

1. Select **Menu** → **Contacts**.
2. Select **View All** or **Find** to locate the contact you want to edit.
3. Highlight the contact to edit and press .
4. Press  down to highlight the phone number to edit and press .

5. Highlight **Edit** and press .
6. Follow the prompts.
7. Press  when finished.

Classifying a contact

You can classify a contact as business or personal.

1. Select **Menu** → **Contacts**.
2. Select **View All** or **Find** to locate the contact you want to edit.
3. Highlight the contact to edit and press .
4. Press  to select **Options**.
5. Highlight **Classify Contact** and press .
6. Select **Business** or **Personal** and press .

Assigning the contact number type

1. Select **Menu** → **Contacts**.
2. Select **View All** or **Find** to locate the contact you want to edit.
3. Highlight the contact to edit and press .
4. Press  down to highlight the phone number to edit and press .
5. Highlight **Number Type** and press ,
6. Select the type of number: **Work**, **Home**, **Mobile**, or **Pager** and press .

Shortcut to your contacts list

From the home screen, press  right to view the **All Contacts** list. Highlight the contact you wish to call and press  to dial the number.

5 SENDING AND RECEIVING TEXT MESSAGES

This chapter describes how to send, receive, and erase text messages from your phone.

Important: The features and menus described in this chapter may vary depending on services available in your area. In addition, usage charges may apply to each message. For clarification on these issues, check with your service provider.

Sending text messages

Check with your service provider to find out if you are able to send text messages from your phone. You can only send text messages to phones that are capable of receiving them.

Sending a new text message

1. Select **Menu** → **Messages** → **Create Message**.
2. Enter the number
-or-
select the number from your contacts list by pressing **OK** at the text entry screen, scrolling to **Contacts**, and pressing **OK** again. Select the number you want and press **OK**.
3. Select **Continue** to enter your message.
To learn how to enter letters, “Entering Letters, Numbers, and Symbols” on page 13.
4. When you have completed the message, select **Continue** and press **OK** to **Send**.

Sending a pre-written message

Your Kyocera K112 comes with a set of commonly used messages, such as “Call me”, “Emergency”, “Need directions.”

1. Select **Menu** → **Messages** → **Preformatted Message**.
2. Scroll through the list of messages and press **OK**.
3. Enter the phone number manually or select from the **All Contacts** list and press **OK** to continue.
4. Edit the contact when prompted.
5. Select **Send** or **Save**. If you select **Save**, your message is placed in your Outbox.

Sending a saved message

You can reuse a message you have stored in your Outbox. The Outbox contains all sent messages, messages for which send attempts have been made as well as messages with failed send attempts.

1. Select **Menu** → **Messages** → **Outbox**.
2. Scroll through the list of messages and press  to select the message you wish to send.
3. Select an option from the list:
 - **Done** to go back to previous screen
 - **Erase** the message
 - **Send** the message
 - **Forward** the message to another recipient by entering another phone number.
 - **Edit** the message. Press  when you finish editing the message.
4. Press  to continue.
5. Press  again to **Send**.

If you cannot send messages

You may not be able to send or receive messages if your phone's memory is nearly full, or if digital service is not available during that time. To free up memory, erase old messages. See “Erasing messages” on page 21.

Receiving incoming calls while creating messages

- If you don't wish to answer the call, select .
- To answer the call, press . The message you were working on will be lost. You will need to re-write your message again.

Viewing the OutBox

You can check the status of messages you have sent as long as they have been saved to the OutBox.

1. Select **Menu** → **Messages** → **OutBox**.
2. Scroll through the list of messages.
3. Press  to read the message.

Retrieving text messages

1. Select **Menu** → **Messages** → **Inbox**.
2. Scroll to the message you want to read. The icon to the left should be flashing.
3. Press  to open and read the message. The screen autoscrolls page by page unless you press  left or right.

Erasing messages

It is a good idea to erase old messages, as messages take up memory in your phone.

You have the option of erasing text messages as you send or read them, erasing them one-at-a-time from the OutBox or InBox, erasing them all at once, or erasing them automatically.

Erasing single messages

1. Select **Menu** → **Messages**.
2. Scroll down to select the type of text message you want to erase (**InBox**, or **OutBox**).
3. Press **OK** to select the message to erase.
4. Select **Erase** to erase the message. A notification appears: "Erase this message?"
5. Select **Yes** to erase the message.

Auto Erase Inbox

Use this setting to have messages automatically erased when memory is low.

1. Select **Menu** → **Messages** → **Message Settings** → **Auto Erase Inbox**.
2. Select **Enable**.
3. Press **OK**.

Erasing all messages

1. Select **Menu** → **Messages** → **Erase Messages**.
2. Select an option from the list:
 - **No** returns you to the previous screen
 - **Entire Inbox** deletes all messages in the inbox. If selected, the prompt, "Entire Inbox?" appears. Select **Yes**.
 - **Entire Outbox** deletes all messages stored in the outbox. If selected, the prompt "Entire Outbox?" appears. Select **Yes**.
 - **Old Inbox** deletes all messages in the old inbox. If selected, the prompt "Erase all old Inbox messages?" appears. Select **Yes**.

Setting message alerts

You can choose how you want be alerted of incoming voicemail, pages, or text messages.

1. Select **Menu** → **Messages** → **Message Settings** → **Message Alert**.
2. Select an option from the list:
 - **None** no alert
 - **Vibrate Once** sets the phone to vibrate once when you receive a message

- **Vibrate & Remind** sets the phone to vibrate once when a new message is received and then every minute until message is acknowledged.
- **Beep Once** sets the phone to beep once when you receive a message
- **Beep & Remind** sets the phone to beep once when a new message is received and then every minute until message is acknowledged.

3. Press .

6 CUSTOMIZING YOUR PHONE

The contents of the **Settings** menu are as follows.

Silence All

Auto Key Guard

Sound

Volume

Alert Type

Ringer Type

Key Beep

Key Tone Length

Display

Backlighting

Banner

Language

Contrast

Menu Format

Time Format

Screensaver

Alert

Missed Call

Roaming

Service

Minute Alert

Call Timers

Outgoing Calls

Incoming Calls

All Calls

Security

Erase all Contacts

Erase All Recent Calls

Phone Reset

PIN Change

Accessories

Ext Power Backlight

Headset Ringing

Headset Autoanswer

Any Key Answer

Sys / Network

Roaming Opt

Setting your phone to vibrate

You can set your phone to vibrate or to vibrate and then ring when you receive an incoming call.

1. Select **Menu** → **Settings** → **Sound** → **Alert Type**.

2. Highlight an option:

- **Vibration** causes the phone to vibrate for the duration of the incoming call alert.
- **Vibe+Ringer** causes the phone to vibrate for the first 10 seconds and then ring for the remainder of the incoming call alert.

3. Press **OK**.

Locking your keypad

You can lock the keypad to protect the phone from accidental key presses.

- To lock the keypad from the home screen, press and hold .
- To unlock the keypad, press   .

For advance setting of the keypad lock, do the following:

1. Select **Menu** → **Settings** → **Auto Key Guard**.
2. Select an option from the list:
 - **On** immediately locks the keypad.
 - **Off** disables keyguard.
 - **30 Sec** locks the keypad after 30 seconds of inactivity.
 - **2 mins** locks the keypad after 2 minutes of inactivity.
 - **5 mins** locks the keypad after 5 minutes of inactivity.

Adjusting volume

You can adjust the volume of the ringer, earpiece and the key beeps.

1. Select **Menu** → **Settings** → **Sound** → **Volume**.

2. Select **Ringer, Earpiece or Key Beep**.
3. Press  up or down to adjust the volume.
4. Press  to set the volume level.

Setting the incoming call alert

You can choose the type of alert you receive for incoming calls.

Select **Menu** → **Settings** → **Sound** → **Alert Type**.

1. Select an option from the list:
 - **Off** sets the phone to mute during an incoming call alert.
 - **Ringer** sets the phone to ring during an incoming call alert.
 - **Vibration** sets the phone to vibrate for the duration of the incoming call alert.
 - **Vibe+Ringer** sets the phone to vibrate for the first 10 seconds and then ring for the remainder of the incoming call alert.

Choosing a different ringer

Your Kyocera K112 has 15 ringers you can choose from for your incoming calls.

1. Select **Menu** → **Settings** → **Sound** → **Ringer Type**.

2. Scroll down the list to hear the different rings tones.
3. Press **OK** to select a ringer from the list.

Changing the key beep sound

The key beep is the sound made when you press the keys on the keypad. You can change the sound to tones or clicks.

1. Select **Menu** → **Settings** → **Sound** → **Key Beep**.
2. Select an option:
 - **Tones** emits a beep when a key is pressed.
 - **Clicks** emits a clicking sound when a key is pressed.

Changing the key beep length

You can change the duration of the tones the phone makes when you press the keys.

1. Select **Menu** → **Settings** → **Sound** → **Key Tone Length**.
2. Select an option:
 - **Normal** emits a short, fixed length DTMF tone.
 - **Long** emits a longer DTMF tone.

Personalizing the screen

Adjusting the backlighting

Your screen lights up while you are in a call or when you press a key on the keypad. However, you can change when and how backlighting lights up.

1. Select **Menu** → **Settings** → **Display** → **Backlighting**.
2. Select an option from the list:
 - **Off** turns backlighting off.
 - **10s** turns backlighting on for 10 seconds after your last keypress.
 - **30s** turns backlighting on for 10 seconds after your last keypress.
 - **10s in call** turns backlighting on for 10 seconds after your last keypress.
 - **30s in call** turns backlighting on for 10 seconds after your last keypress.
3. Press **OK** to confirm your choice.

Note: Keeping backlighting on during a call drains the battery more quickly and reduces talk and standby times.

Changing your banner

The banner is the personal label for your phone. It appears on the home screen above the time and date. The banner can be up to 14 characters long.

1. Select **Menu** → **Settings** → **Display** → **Banner**.
2. Press **OK** to select **Edit**.
3. Press **⏪** to clear the screen.
4. Enter your new text.
5. Press **OK** twice to select **Save**.

Choosing a different language

Your phone may support languages in addition to English.

1. Select **Menu** → **Settings** → **Display** → **Language**.
2. Scroll to highlight a language.
3. Press **OK**.

Changing the display contrast

1. Select **Menu** → **Settings** → **Display** → **Contrast**.
2. Press **⬅** right or left to adjust the contrast.

Choosing a different time format

1. Select **Menu** → **Settings** → **Display** → **Time Format**.
2. Select **AM/PM** or **24 HR**.
3. Press **OK**.

Changing the main menu view

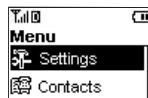
You can change the appearance of the menus you see when you select **Menu** from the home screen.

- Select **Menu** → **Settings** → **Display** → **Menu Format**, then the option you want:

Large Icons



Small Icons



Note: When using **Small Icons**, you must press **⬅** up or down to scroll through menus.

Screen Saver

1. Select **Menu** → **Settings** → **Display** → **Screensaver**.
2. Select **Type** to access the available screensavers.

3. Scroll to highlight a screensaver and press **OK** to select it.
4. Select **Timeout** to set the time you want the screensaver to display after the phone is in idle mode: **30 seconds**, **2 minutes**, or **5 minutes**.
5. Press **OK**.
6. Press  to return to the home screen.

Setting call alerts

You can choose to Enable or Disable alert tones.

1. Select **Menu** → **Settings** → **Alert**.
2. Select an option from the list, press **OK**, and select **Enable**.
 - **Missed Call** sets the phone to emit an alert tone when there is a missed call.
 - **Roaming** sets the phone to emit an alert tone when the roaming state changes.
 - **Service** sets the phone to emit an alert tone when the phone registers itself to a service or lost the connection with a service.
 - **Minute Alert** sets the phone to emit an alert tone every 10 seconds before the end of a minute during a call.

To disable any of these alerts, select the option and then **Disabled**.

Creating a secure environment

This section describes all the features involved in securing your phone and preventing access to personal information. All security features are shielded by a four-digit lock code. The lock code is typically 0000 or the last 4 digits of your phone number.

Changing your PIN code

1. Select **Menu** → **Settings** → **Security**.
2. Enter your four-digit PIN code and press **OK**.
3. Scroll to **Pin Change** and press **OK**.
4. Enter your new PIN code and press **OK**. The confirmation message “Pin Changed” appears.

Erasing all contacts

You can erase all contacts from the Contacts directory.

1. Select **Menu** → **Settings** → **Security**.
2. Enter your four-digit lock code and press **OK**.
3. Scroll to **Erase All Contacts** and press **OK**.
4. The message “Erase All contacts?” appears.
5. Select **Yes** to erase all contacts, or **No** to cancel.

Resetting your phone

1. Select **Menu** → **Settings** → **Security**.
2. Enter your four-digit PIN code and press **OK**.
3. Select **Phone Reset**.
4. The message “Restore Factory Default?” appears.
5. Select **Yes** to restore factory default.

Note: Your 4-digit PIN code, Recent Calls List, Contacts directory, Inbox and Outbox contents, memos, and service programming are not adjusted when you reset your phone.

Setting alerts for your headset

When a headset (sold separately) is attached to the phone, you can set alert sounds to originate from the headset.

1. Select **Menu** → **Settings** → **Accessories** → **Headset Ringing**.
2. Select **On** to have alerts originating from the headset.

Setting headset autoanswer

When a headset (sold separately) is attached to the phone, you can set the headset to autoanswer when there is an incoming call.

1. Select **Menu** → **Settings** → **Accessories** → **Headset Autoanswer**.
2. Select the option to turn the autoanswer **Off**, or have it answer after **2 seconds**, **5 seconds**, or **10 seconds**.
3. Press **OK**.

Setting power backlighting

You can set backlighting to remain on when an external power source, such as the AC adapter, is used with the phone.

Note: Power backlighting may not be available with some accessories. Check with your service provider.

1. Select **Menu** → **Settings** → **Accessories** → **Ext Power Backlight**.
2. Select **On** to keep backlighting on.

Note: The battery charges more slowly when power backlighting is on.

7 PLAYING GAMES AND USING TOOLS

The Extra menu offers two games, Blackjack™ and Video Poker™, and several tools that include a stopwatch, an alarm, a scheduler, and a calculator.

BlackJack™

Blackjack™ is a card game where the player attempts to beat the dealer by obtaining a sum of card values that is equal to or less than 21 so that his total is higher than the dealer's.

Notes: The default cash value is **\$5000** and the bet amount is **\$20**.

The dealer's cards appear on the upper row; your cards appear on the lower row.

1. Select **Menu** → **Extra** → **Games** → **BlackJack**.
2. Press **OK** to enter. A greeting screen appears, followed by the rules of the game.
3. Press **OK** to continue.
4. Select **Continue** to return to your most recent game, or **New** to start a new game.
 - Select **Deal** to start the game immediately.
 - Select **Bet** to change the bet amount.

- Select **Hit** to draw more cards. The resulting card values appear on the extreme right (maximum number of cards is 5).
- Select **Double** to double the bet amount.
- Select **Stand** if you don't want to draw more cards.

5. To continue with this game, select **Deal**. The dealer will draw more cards if necessary and a result screen will appear to tell you if you have won, lose or nothing lost, nothing won

Video Poker™

In Video Poker™ you are dealt five cards. You may keep some or all of them, or throw them all away. For each card you throw away, you get another to replace it. The object of the game is for you to create a five-card winning hand.

1. Select **Menu** → **Extra** → **Games** → **Video Poker**.
2. Press **OK** to enter. A greeting appears, followed by the rules of the game.
3. Press **OK** to continue.

4. Select **Continue** to return to your most recent game, or **New** to start a new game.
 - Select **Deal** to start the game immediately
 - Select **Bet** to change your bet amount.
 - Select **Payout** to learn the payout amounts of Royal Flush, Full House, Pair of Jacks, Straight Flush, Four of a kind, etc.
 - Select **Continue** if you do not wish to change your cards. A result screen appears to tell you if you have won or lost the game.
 - Select **Discard** to change your cards, then press the numeric keys corresponding to the numbers shown above the cards you wish to discard.
5. Select **Continue** to display the result screen.
6. Select **Deal** to continue with the game.

Stop Watch

1. Select **Menu** → **Extra** → **Stopwatch**.
2. Select **Start** to have the stopwatch begin counting.
3. Select **Stop** to stop counting.
4. Select **Reset** to set the counter back to zero.

Alarm

Use the alarm to set an alert for a specific time. The alert occurs only if the phone is on.

Digital service is required to access this menu item.

1. Select **Menu** → **Extra** → **Alarm** → **Set**.
 - Press  up or down to select an hour and minutes.
 - Press  left and right to switch between hours, minutes, and am/pm.
 - Enter numbers using the phone keypad.
2. When time is set, press , and select **Once**, **Daily**, or **Weekdays**.
3. Press .
4. When the alarm sounds, select **Off** to turn off the alarm or **Snooze** to silence the alarm for 10 minutes.

Scheduler

The Scheduler allows you to schedule events, such as meetings or appointments, and keep track of special occasions, such as birthdays or wedding anniversaries.

Digital service is required to access this menu item.

Adding an event

To find the day of the event.

1. Select **Menu** → **Extra** → **Scheduler**
 - For a day in the current month, select **View Day**. Press  right or left to scroll through days.
 - For a day in a different month, select **View Month**. Press  up or down to scroll through months, and left or right to scroll through days.
2. Press  to confirm the day and weeks.
3. Select **Menu** → **Extra** → **Scheduler** → **Add Event** and press .
4. Enter event name. For help on entering text, see page 13.
5. Press  twice when you are done entering the letters.
6. Select **Next** to set the event Start time, Duration, and Alarm frequency.
 - Press  up or down to set alarm fields.
 - Press  left or right to move between fields.
7. Press  twice when you are done.
8. Select **Next** to add a Note.

9. Press  twice when you are done

Viewing, editing, or erasing an event

1. Select **Menu** → **Extra** → **Scheduler**.
2. Select **View Day** or **View Month** to find the event you want to view, edit, or erase.
3. Press  up, down, left, or right to highlight an event and press  to select it.
4. Press  right and press  to select **Edit**, **Erase**, or **New**. Follow the prompts.
5. Press  to return to the home screen or  to return to scheduler options.

Calculator

Use the calculator for basic mathematical calculations.

1. Select **Menu** → **Extra** → **Calculator**.
2. Use the keypad to enter numbers.
3. Press  left and right to scroll through the operators. Press  to select them.

=	equal	+	add	x	multiply
÷	divide	-	subtract	.	decimal point

- C** Clear all numbers entered and display a zero.
- MR** Display the value currently stored in memory.
- M+** Add the displayed digit to the value stored in memory.
- MC** Clear the value currently stored in memory.
- $\pm$** Change the sign of the displayed number.
- $\ll$** Clear one function or one digit from the screen and return the calculator to digit entry mode. Hold down to clear all of the digits and operations and display a zero.
- ** Exit the calculator and return to home screen.

8 GETTING HELP

Customer support

Your service provider's customer support department may be accessible directly from your phone when you dial a number such as *611 (check with your service provider). They can answer questions about your phone, phone bill, call coverage area, and specific features available to you, such as call forwarding or voicemail.

For questions about the phone features, refer to the materials provided with your phone, or visit **www.kyocera-wireless.com**.

For additional questions, you may contact the Kyocera Wireless Corp. Customer Care Center in any of the following ways:

- Web site: **www.kyocera-wireless.com**
- Email: phone-help@kyocera-wireless.com

Before requesting support, please try to reproduce and isolate the problem. When you contact the Customer Care Center, be ready to provide the following information:

- The name of your service provider.
- The actual error message or problem you are experiencing.
- The steps you took to reproduce the problem.
- The phone's electronic serial number (ESN).
To find the ESN:
 - a. Remove the RUIIM card cover.
 - b. Locate the white label on the back of the phone. Your phone's 11-digit ESN begins with "D" and is located on the label.

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